Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D Vial: 2
Acq On : 18 Dec 2001 4:49 pm 27276 Operator: GALOS
Sample : gcms unknown 11/16 27622-628 Inst : GC/MS Ins
Misc : 27631-632 Multiplr: 1.00
MS Integration Params: RTEINT.P 27638-639
Quant Time: Dec 19 9:53 2001 27678-679 Quant Results File: NP112701.RES
27764, 27765-769

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : HP032901

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.87	152	862635	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	3388517	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.76	164	1468237	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2102061	20.00	ng/uL	-0.08
59) Chrysene-d12	33.16	240	1329205	20.00	ng/uL	-0.08
68) Perylene-d12	37.24	264	956065	20.00	ng/uL	-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6) 2-Chlorophenol-d4	11.87	132	664	0.01	ng/uL	0.45
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.03	152	305	0.01	ng/uL	-0.42
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.89	172	1449	0.02	ng/uL	0.06
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitrosodimethylamine	0.00	74	0	N.D.		
8) Phenol	0.00	94	0	N.D.		
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-Chlorophenol	0.00	128	0	N.D.		
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) 2-Methylphenol	0.00	108	0	N.D.		
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D Vial: 2
Acq On : 18 Dec 2001 4:49 pm Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 9:53 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : HP032901

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
17)	N-Nitrosodi-n-propylamine	0.00	70	0	N.D.	
18)	Hexachloroethane	0.00	117	0	N.D.	
21)	Nitrobenzene	0.00	77	0	N.D.	
22)	Isophorone	0.00	82	0	N.D.	
23)	2-Nitrophenol	0.00	139	0	N.D.	
24)	2,4-Dimethylphenol	0.00	107	0	N.D.	
25)	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26)	2,4-Dichlorophenol	0.00	162	0	N.D.	
27)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28)	Naphthalene	0.00	128	0	N.D.	
29)	Hexachlorobutadiene	0.00	225	0	N.D.	
30)	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37)	2-Chloronaphthalene	0.00	162	0	N.D.	
38)	Dimethylphthalate	0.00	163	0	N.D.	
39)	2,6-Dinitrotoluene	0.00	165	0	N.D.	d
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	0.00	153	0	N.D.	
42)	2,4-Dinitrophenol	0.00	184	0	N.D.	
43)	4-Nitrophenol	0.00	65	0	N.D.	
44)	2,4-Dinitrotoluene	0.00	165	0	N.D.	
45)	Diethylphthalate	0.00	149	0	N.D.	
46)	4-Chlorophenylphenylether	0.00	204	0	N.D.	
47)	Fluorene	0.00	166	0	N.D.	
48)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51)	N-Nitrosodiphenylamine	0.00	169	0	N.D.	
52)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53)	Hexachlorobenzene	0.00	284	0	N.D.	
54)	Pentachlorophenol	24.81	266	1365 -?	N.D.	
55)	Phenanthrene	0.00	178	0	N.D.	
56)	Anthracene	0.00	178	0	N.D.	
57)	Di-n-butylphthalate	27.15	149	1695 ✓	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D Vial: 2
Acq On : 18 Dec 2001 4:49 pm Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 9:53 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : HP032901

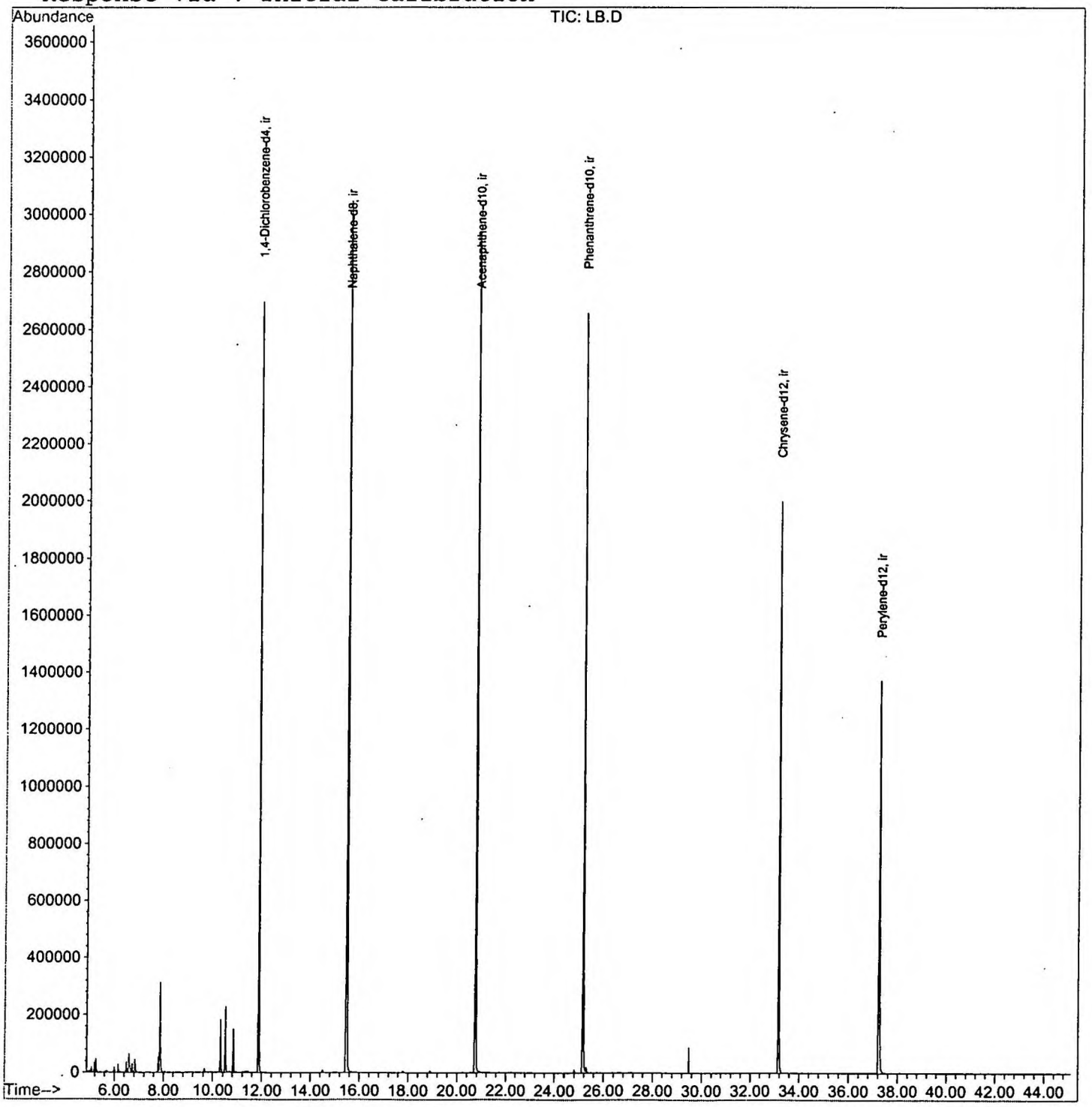
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	29.30	184	6046	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.16	228	2862	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.42	149	1646	N.D.	
67)	Chrysene	33.16	228	2862	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.25	252	2720	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D Vial: 2
Acq On : 18 Dec 2001 4:49 pm Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 9:53 2001 Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D Vial: 2
Acq On : 18 Dec 2001 4:49 pm Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

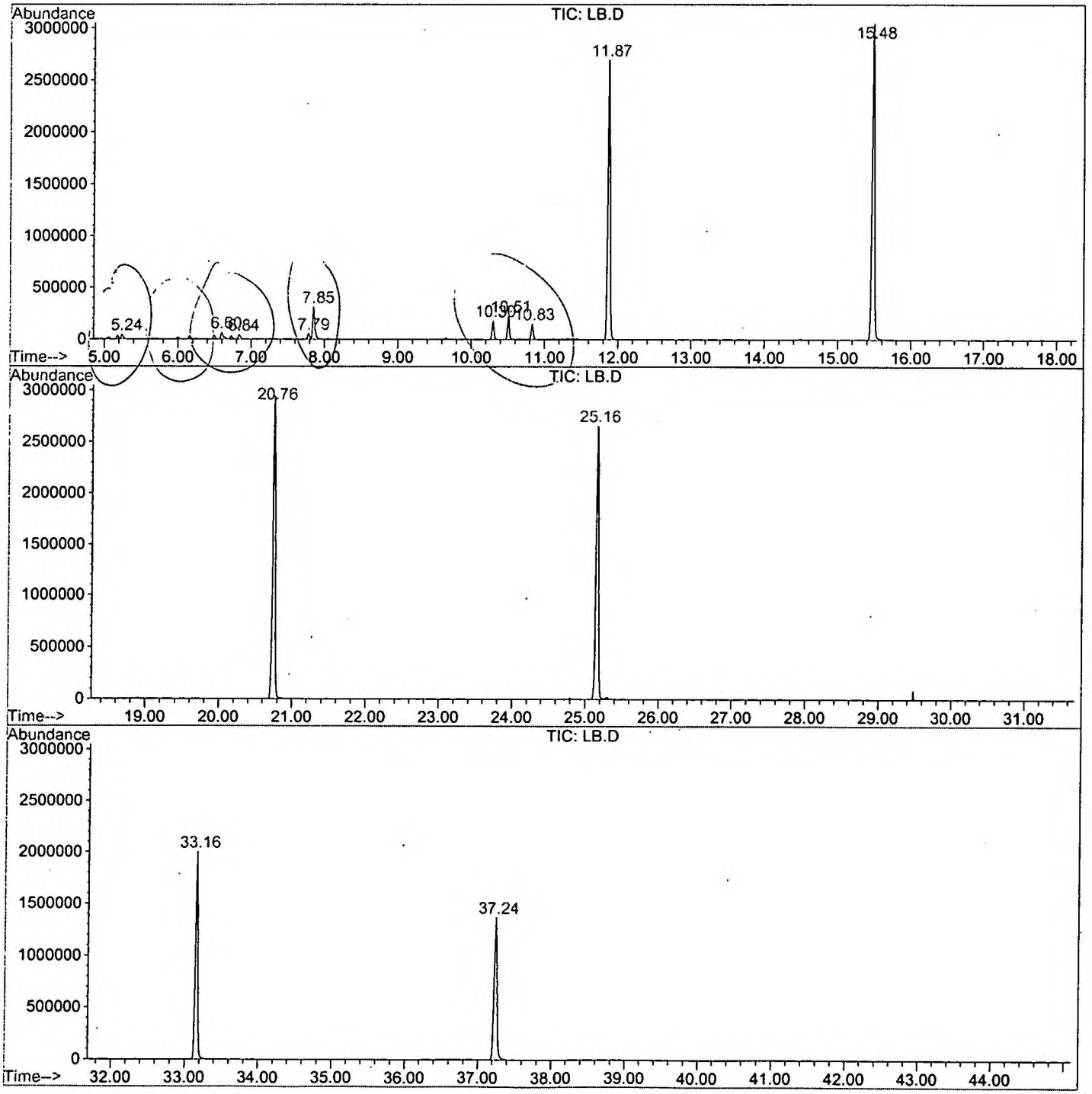
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.240	40	43	50	rVB	47241	86940	1.24%	0.244%
2	6.597	186	191	201	rBV2	65841	156770	2.23%	0.441%
3	6.835	212	217	224	rBV	46001	91070	1.30%	0.256%
4	7.789	317	321	324	rBV	55522	105761	1.51%	0.297%
5	7.853	324	328	340	rVB	312681	602839	8.58%	1.694%
6	10.302	590	595	603	rBV	182289	324101	4.61%	0.911%
7	10.513	613	618	626	rBV	227770	414732	5.90%	1.165%
8	10.834	649	653	661	rVB	150648	267514	3.81%	0.752%
9	11.870	760	766	779	rBV	2696211	5473593	77.91%	15.382%
10	15.483	1152	1160	1177	rBV	3047205	7025784	100.00%	19.744%
11	20.756	1727	1735	1750	rBV	2938615	6760075	96.22%	18.997%
12	25.157	2207	2215	2227	rBV2	2658634	6094393	86.74%	17.126%
13	33.163	3081	3088	3103	rBV2	2001365	4448552	63.32%	12.501%
14	37.243	3524	3533	3552	rBV2	1373520	3732639	53.13%	10.489%

Sum of corrected areas: 35584763

LB.D NP112701.M Thu Dec 20 11:37:49 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1801\LB.D
Operator : GALOS
Acquired : 18 Dec 2001 4:49 pm using AcqMethod HP032901
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 2
Quant File :NP112701.RES (RTE Integrator)



LB.D NP112701.M Thu Dec 20 11:37:51 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D
Acq On : 18 Dec 2001 4:49 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

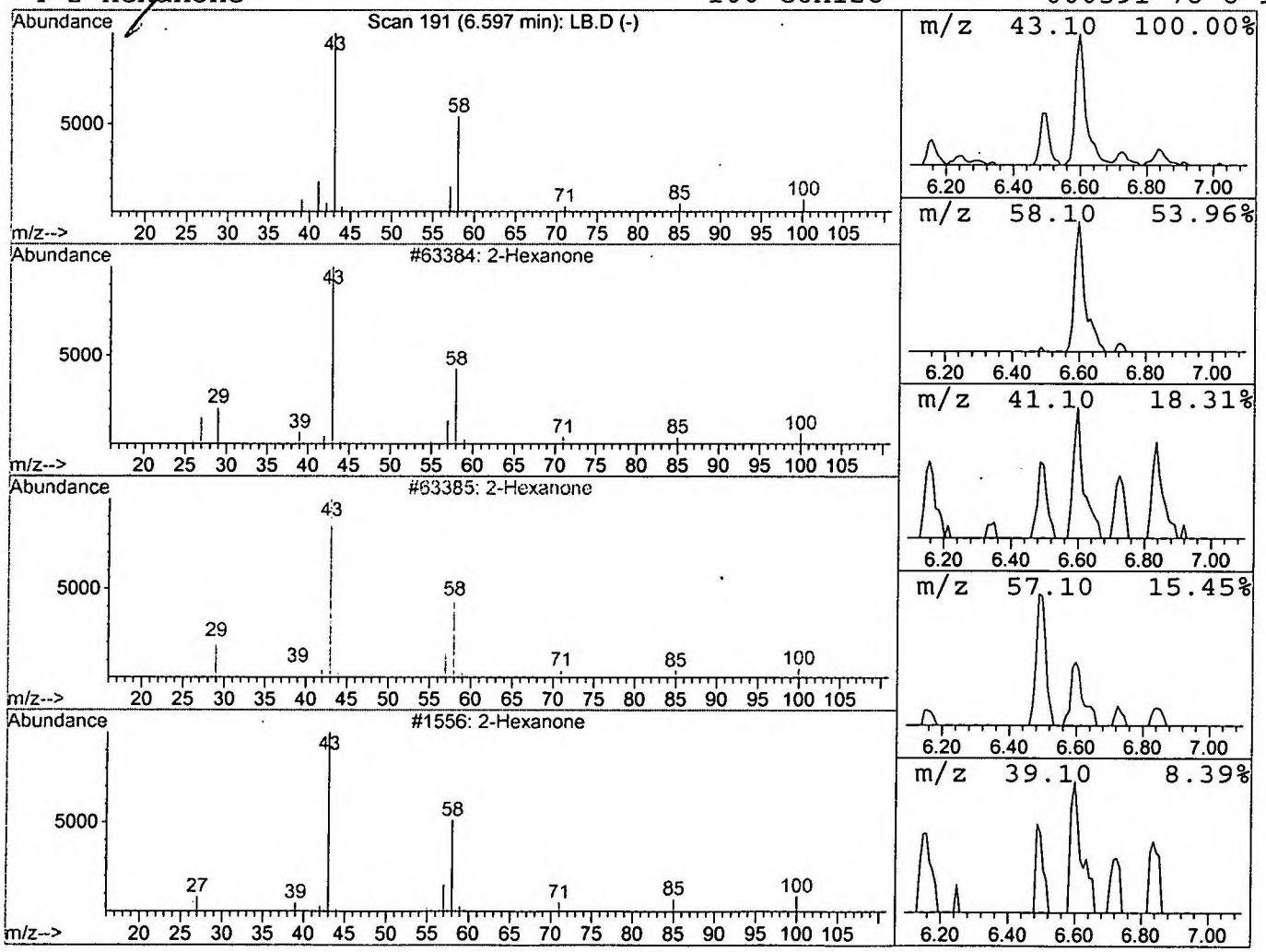
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	0.57 ng/uL	156770	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone	100	C6H12O	000591-78-6	91
3	2-Hexanone	100	C6H12O	000591-78-6	90
4	2-Hexanone	100	C6H12O	000591-78-6	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D
Acq On : 18 Dec 2001 4:49 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

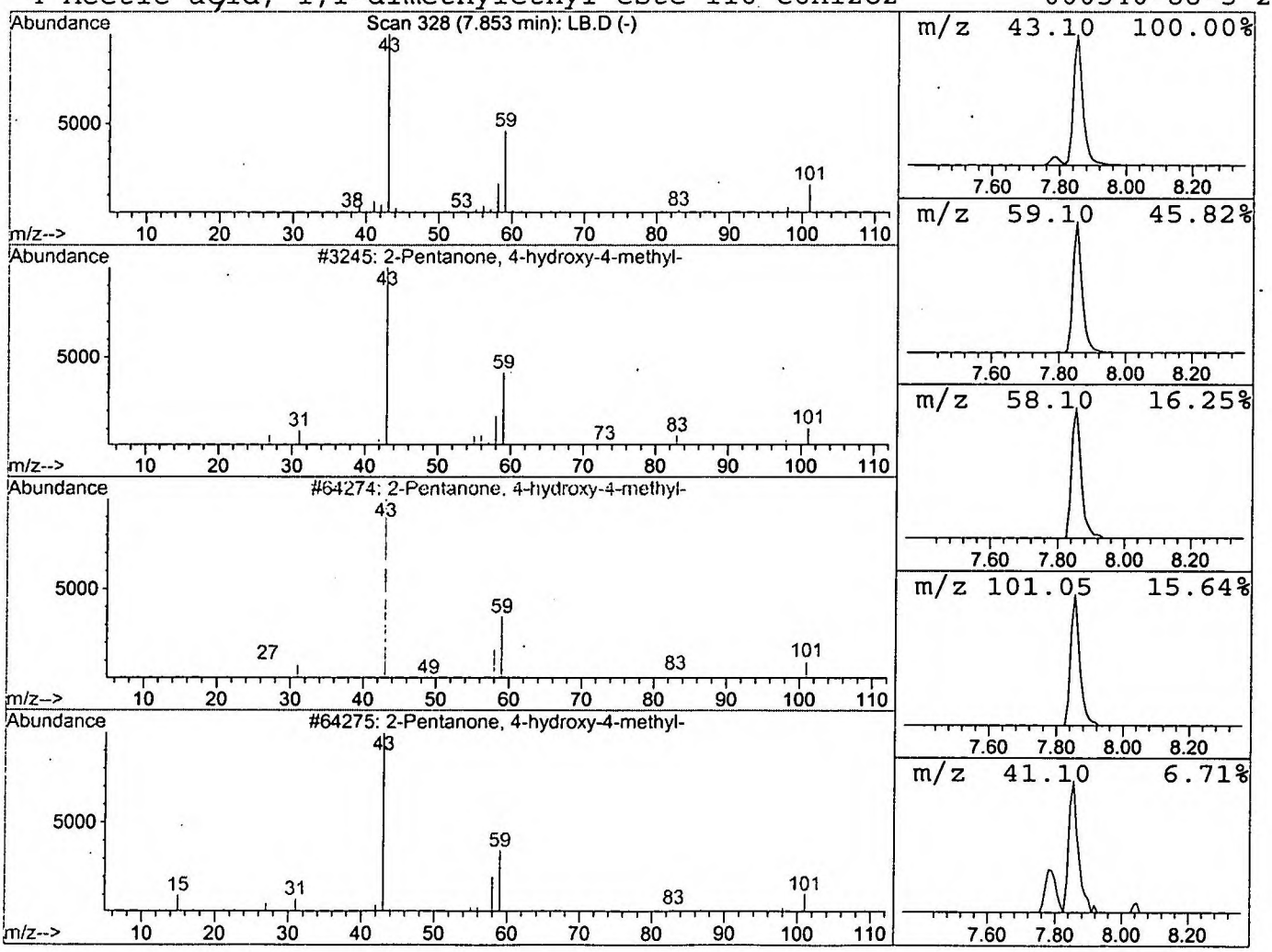
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	2.20 ng/uL	602839	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D
Acq On : 18 Dec 2001 4:49 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

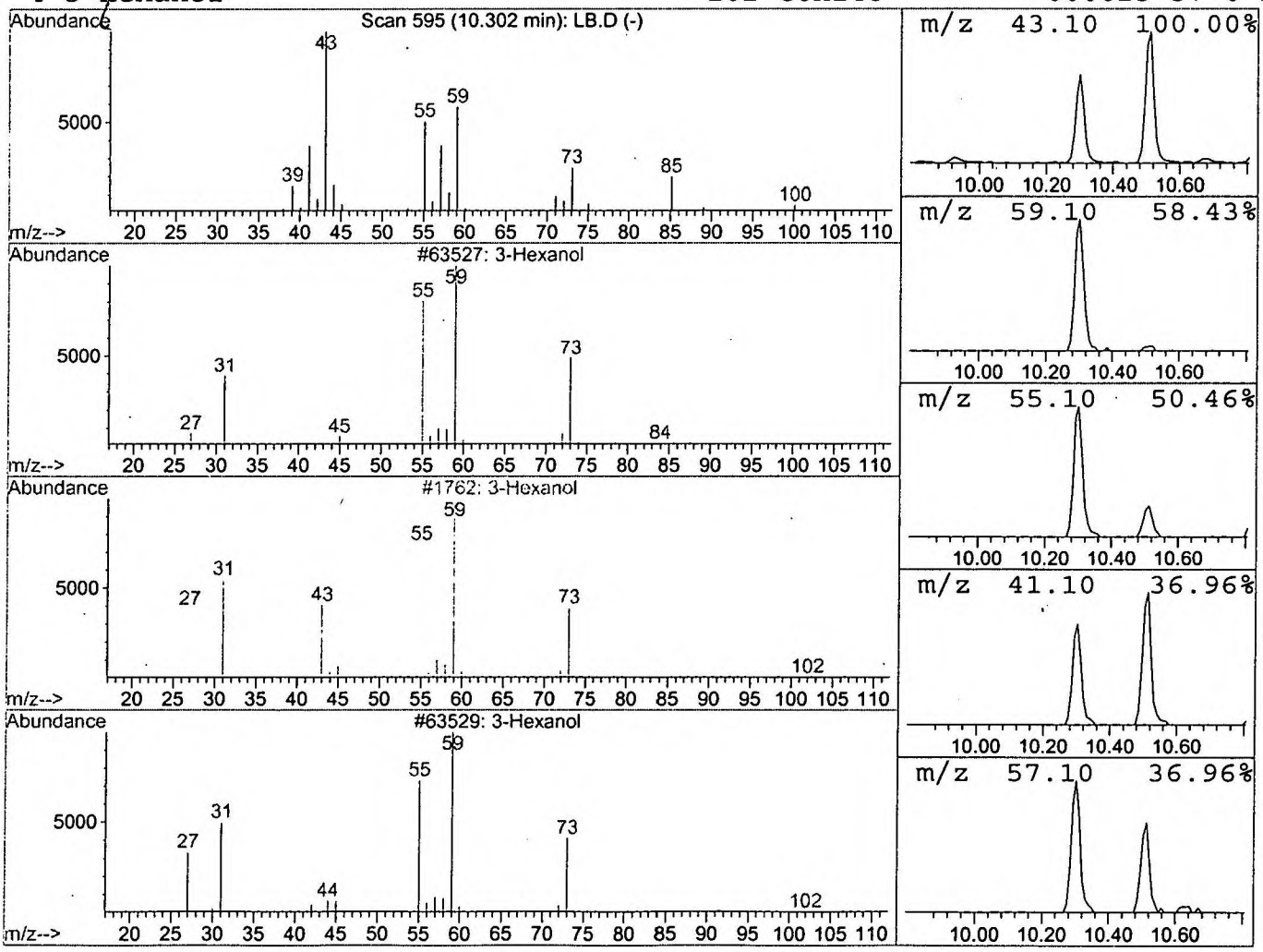
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	1.18 ng/uL	324101	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	37
2	3-Hexanol	102	C6H14O	000623-37-0	37
3	3-Hexanol	102	C6H14O	000623-37-0	37
4	3-Hexanol	102	C6H14O	000623-37-0	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D
Acq On : 18 Dec 2001 4:49 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 2
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

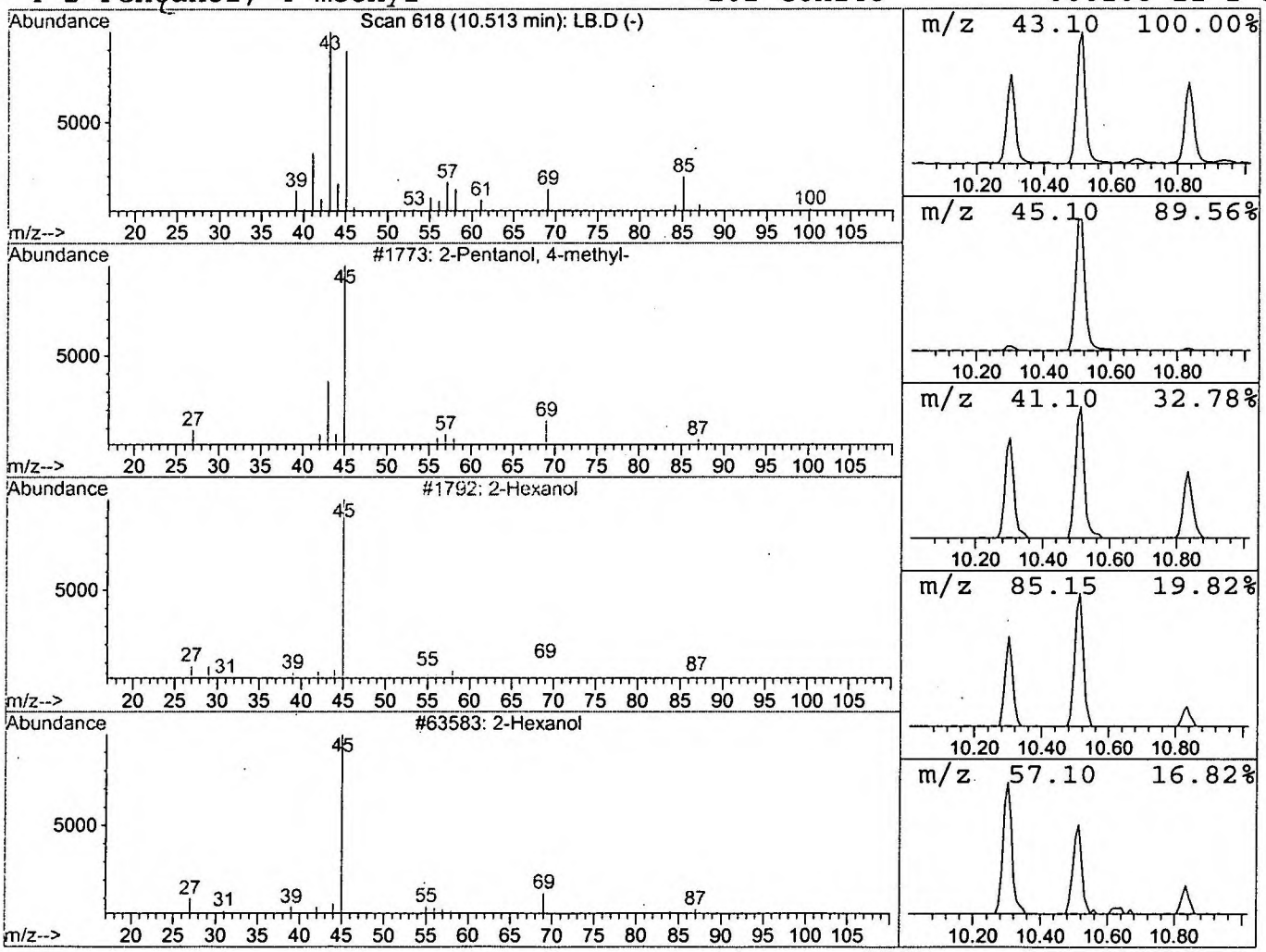
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	1.52 ng/uL	414732	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	59
2	2-Hexanol	102	C6H14O	000626-93-7	53
3	2-Hexanol	102	C6H14O	000626-93-7	53
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\LB.D Vial: 2
Acq On : 18 Dec 2001 4:49 pm Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

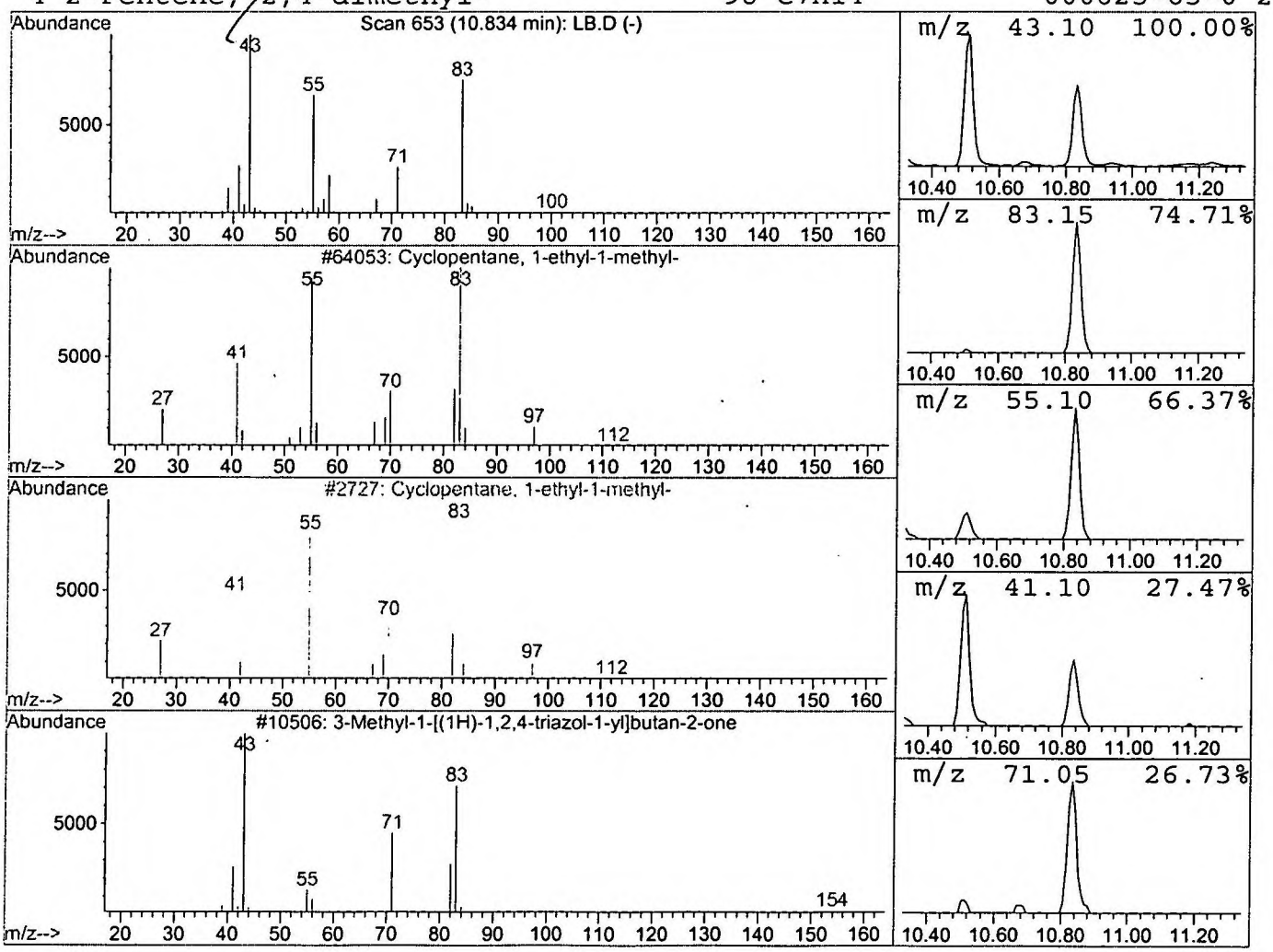
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Cyclopentane, 1-ethyl-1-methyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	0.98 ng/uL	267514	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
3	3-Methyl-1-[(1H)-1,2,4-triazol-1-yl	153	C7H11N3O	064922-02-7	28
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 18 Dec 2001 4:49 pm
Data File: C:\HPCHEM\1\DATA\DEC1801\LB.D
Name: gcms unknown 11/16
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Hexanone	6.60	0.6	ng/uL	156770	ISTD01	11.87	5473590	20.0
2-Pentanone, 4-hydro	7.85	2.2	ng/uL	602839	ISTD01	11.87	5473590	20.0
3-Hexanol	10.30	1.2	ng/uL	324101	ISTD01	11.87	5473590	20.0
2-Pentanol, 4-methyl	10.51	1.5	ng/uL	414732	ISTD01	11.87	5473590	20.0
Cyclopentane, 1-ethy	10.83	1.0	ng/uL	267514	ISTD01	11.87	5473590	20.0

LB.D NP112701.M Thu Dec 20 11:38:03 2001